

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091918\
 Data File : VN051318.D
 Acq On : 19 Sep 2018 14:50
 Operator : MD\SY
 Sample : J4937-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE BLANK-SOILREF-5

Quant Time: Sep 20 01:54:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	574456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	862677	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	714442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	227592	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	323529	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
35) Dibromofluoromethane	7.59	113	334785	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.09	98	1162083	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	
62) 4-Bromofluorobenzene	12.40	95	302648	38.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.80%	

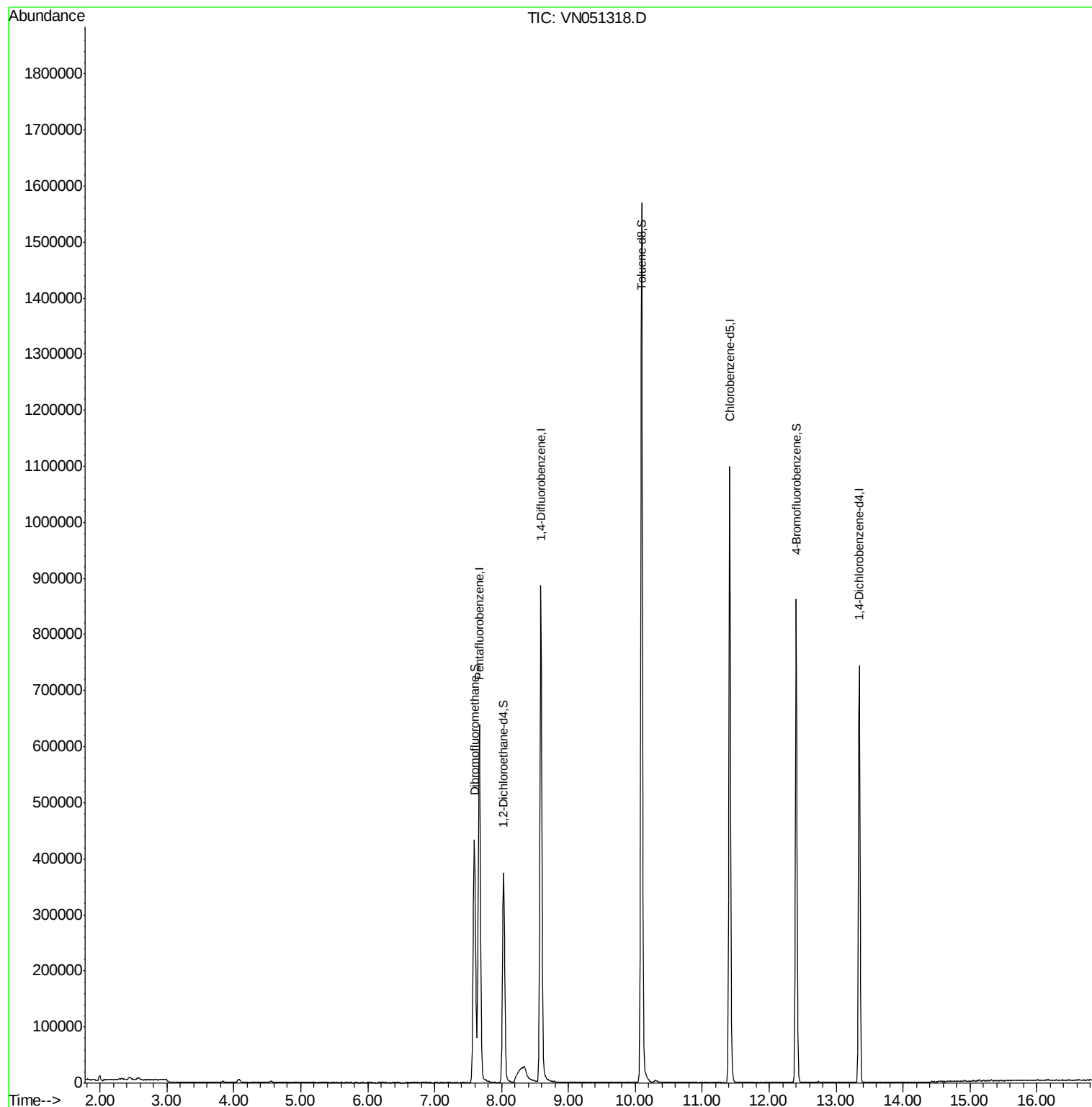
Target Compounds	Qvalue
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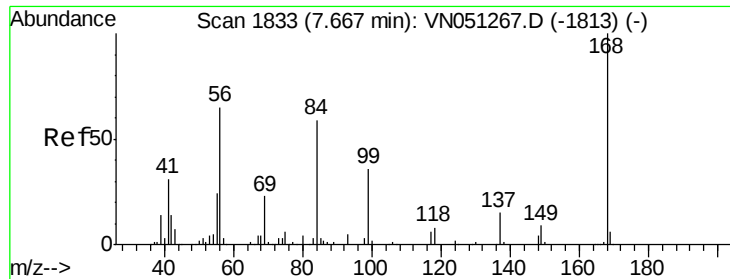
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051318.D

Acq: 19 Sep 2018 14:50

Instrument :

MSVOA_N

ClientSampleId :

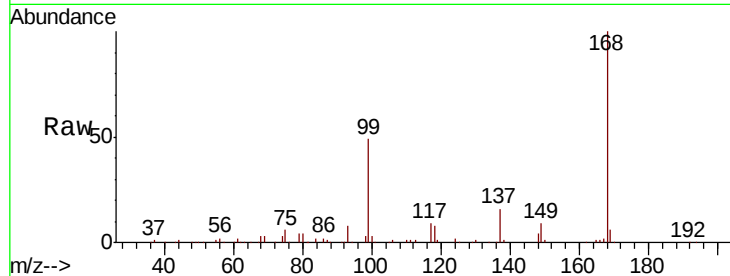
STORAGEBLANK-SOILREF-5

Tot Ion:168 Resp: 574456

Ion Ratio Lower Upper

168 100

99 48.7 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

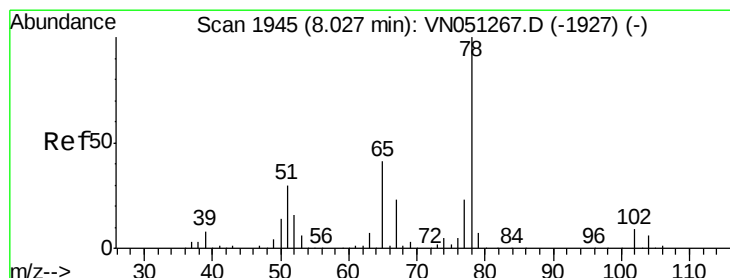
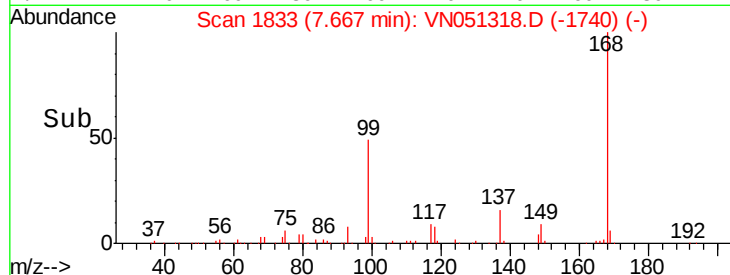
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.82 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051318.D

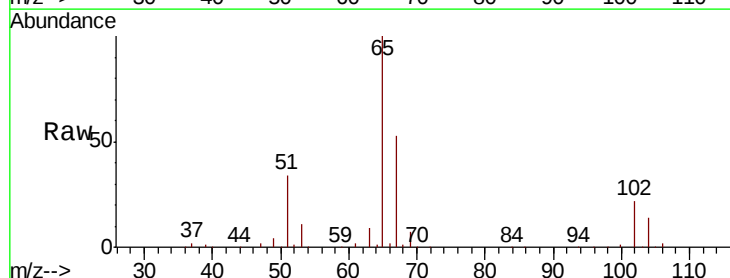
Acq: 19 Sep 2018 14:50

Tgt Ion: 65 Resp: 323529

Ion Ratio Lower Upper

65 100

67 53.7 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

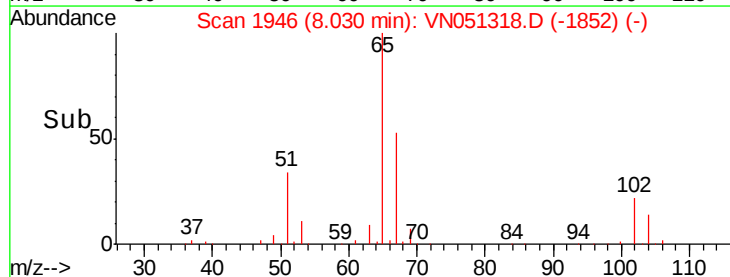
150000

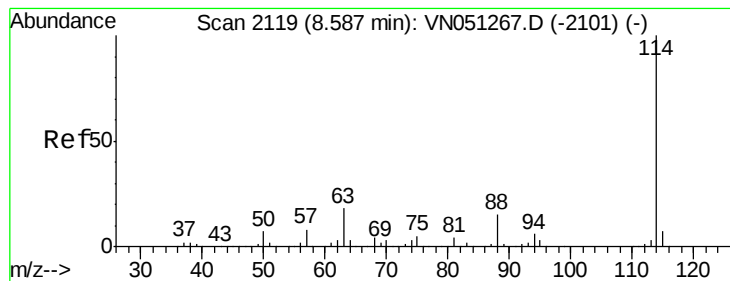
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2120

Delta R.T. 0.00 min

Lab File: VN051318.D

Acq: 19 Sep 2018 14:50

Instrument :

MSVOA_N

ClientSampleId :

STORAGEBLANK-SOILREF-5

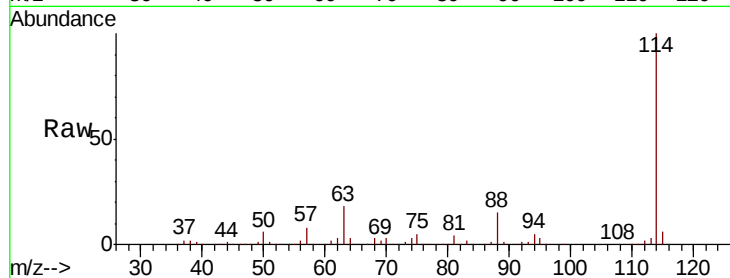
Tot Ion:114 Resp: 862677

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

88 15.1 0.0 30.8



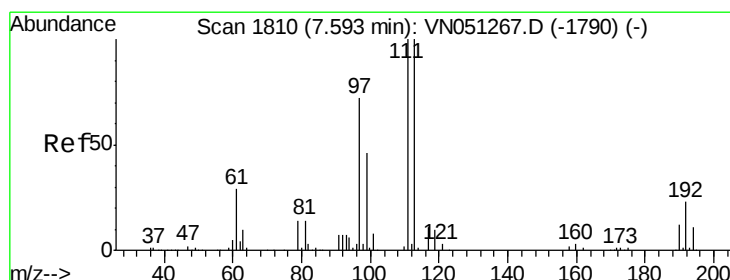
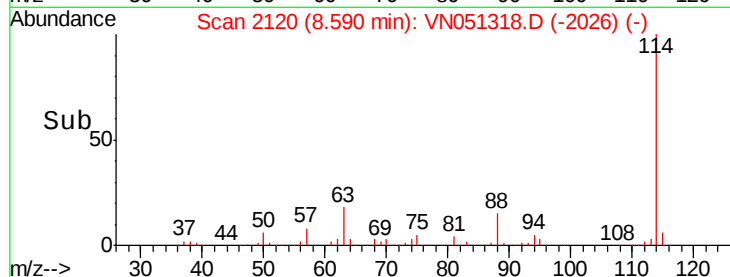
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN

8.59

Time-->



#35

Dibromofluoromethane

Concen: 49.94 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051318.D

Acq: 19 Sep 2018 14:50

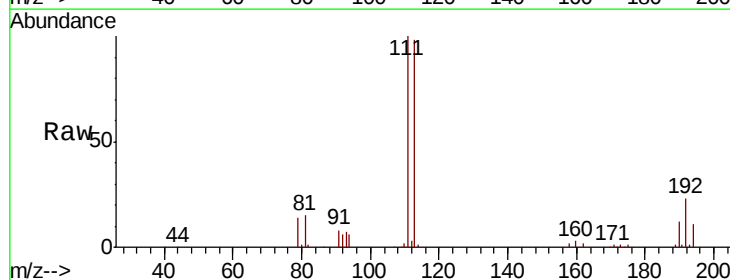
Tgt Ion:113 Resp: 334785

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 24.2 19.0 28.6



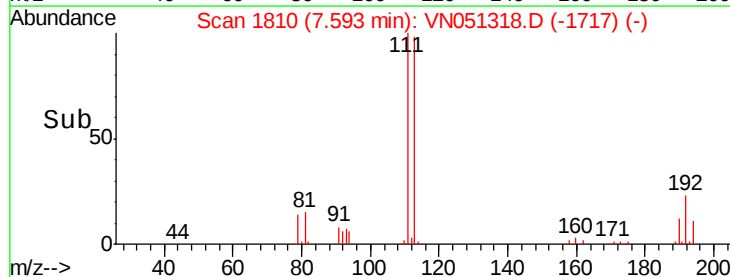
Abundance Ion 112.80 (112.50 to 113.50): V

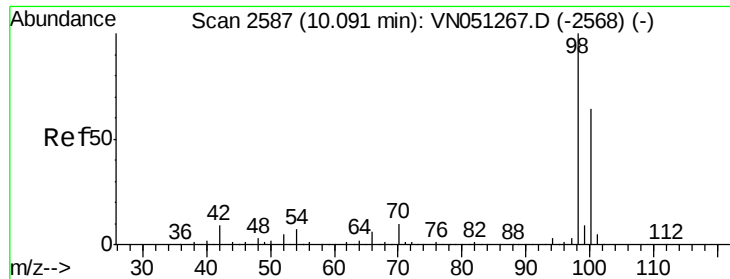
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.59

Time-->





#50

Toluene-d8

Concen: 46.90 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051318.D

Acq: 19 Sep 2018 14:50

Instrument :

MSVOA_N

ClientSampleId :

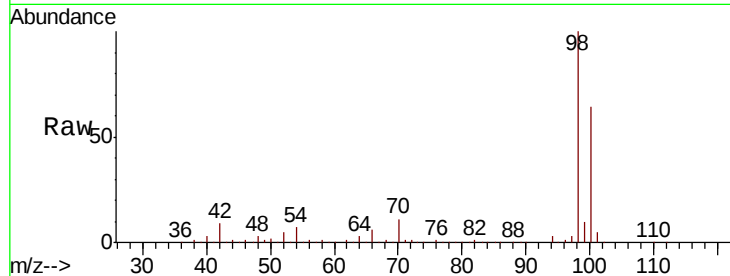
STORAGEBLANK-SOILREF-5

Tot Ion: 98 Resp: 1162083

Ion Ratio Lower Upper

98 100

100 63.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN051267.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN051267.D (-2568) (-)

10.09

600000

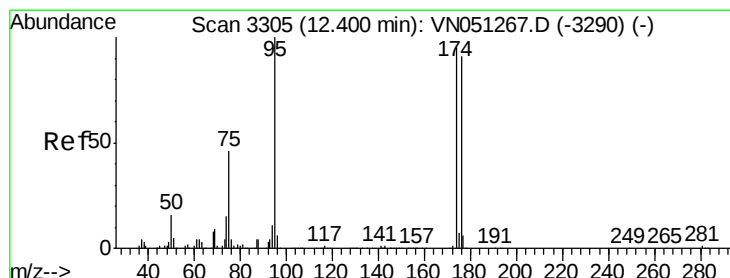
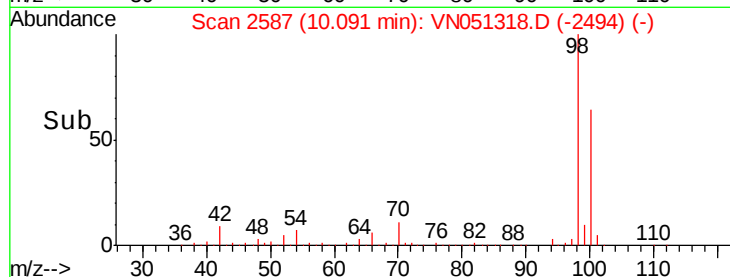
400000

200000

0

10.00 10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 38.40 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051318.D

Acq: 19 Sep 2018 14:50

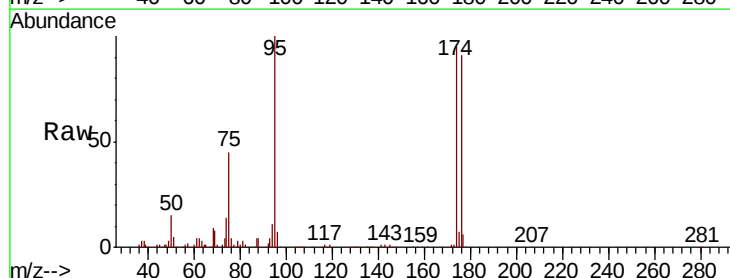
Tgt Ion: 95 Resp: 302648

Ion Ratio Lower Upper

95 100

174 95.6 0.0 189.6

176 92.3 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN051267.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051267.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051267.D (-3290) (-)

12.40

200000

150000

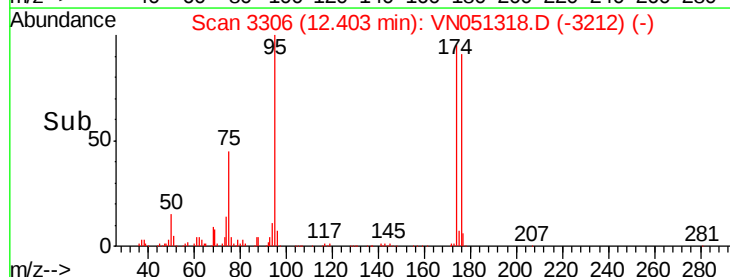
100000

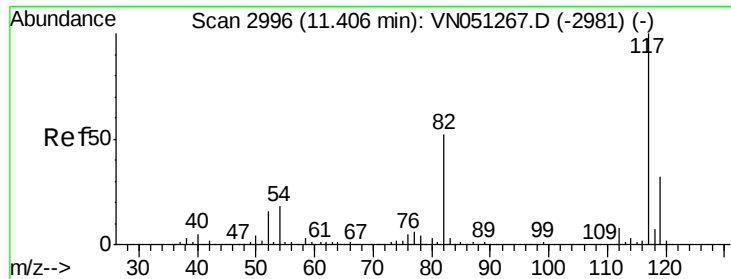
50000

0

12.30 12.40 12.50

Time-->

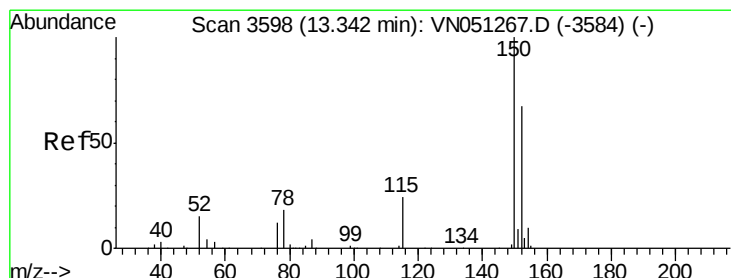
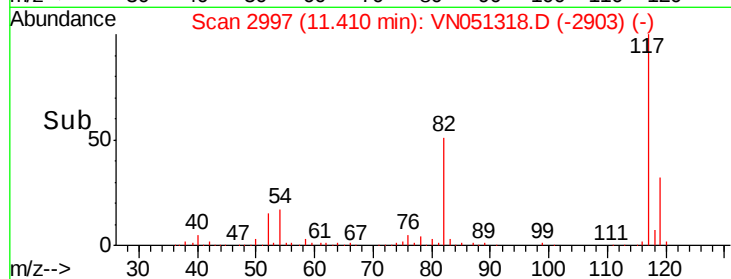
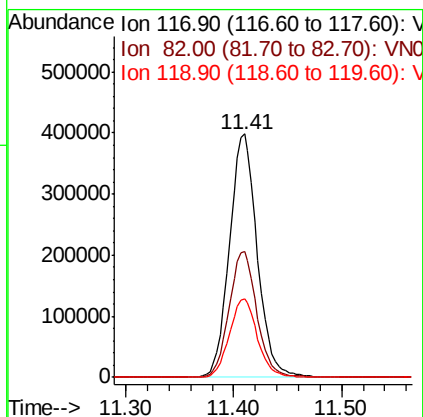
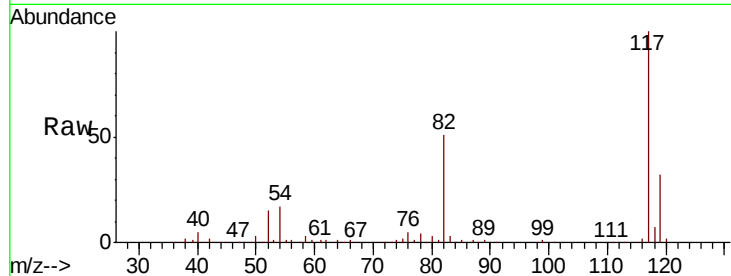




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051318.D
Acq: 19 Sep 2018 14:50

Instrument :
MSVOA_N
ClientSampleId :
STORAGEBLANK-SOILREF-5

Tot Ion:117 Resp: 714442
Ion Ratio Lower Upper
117 100
82 51.4 41.8 62.8
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051318.D
Acq: 19 Sep 2018 14:50

Tgt Ion:152 Resp: 227592
Ion Ratio Lower Upper
152 100
115 54.5 27.1 81.2
150 156.3 0.0 349.0

